

Well Name: W LYBROOK UNIT	Well Location: T23N / R9W / SEC 27 / NENW / 36.201902 / -107.7768	County or Parish/State: SAN JUAN / NM
Well Number: 763H	Type of Well: OIL WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: NMNM118731	Unit or CA Name:	Unit or CA Number: NMNM135216A
US Well Number: 3004538200	Well Status: Drilling Well	Operator: ENDURING RESOURCES LLC

Subsequent Report

Sundry ID: 2685815

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 08/04/2022	Time Sundry Submitted: 03:14
Date Operation Actually Began: 07/31/2022	

Actual Procedure: Enduring Resources performed a drillout and initial gas lift installation. An updated well schematic is attached. EOT: 4735' MD Packer: 4660' MD GLVs: 2065', 2926', 3521', 4020' MD Orifice Valve: 4619' MD Job Start: 07.31.2022 Job End: 08.02.2022

SR Attachments

Actual Procedure

W._LYBROOK_763H___Production_WBD_08032022_20220804151359.pdf

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Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: HEATHER HUNTINGTON	Signed on: AUG 04, 2022 03:15 PM
Name: ENDURING RESOURCES LLC	
Title: Permitting Technician	
Street Address: 200 Energy Court	
City: Farmington	State: NM
Phone: (505) 636-9751	
Email address: HHUNTINGTON@ENDURINGRESOURCES.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647742	BLM POC Email Address: krennick@blm.gov
Disposition: Accepted	Disposition Date: 08/12/2022
Signature: Kenneth Rennick	

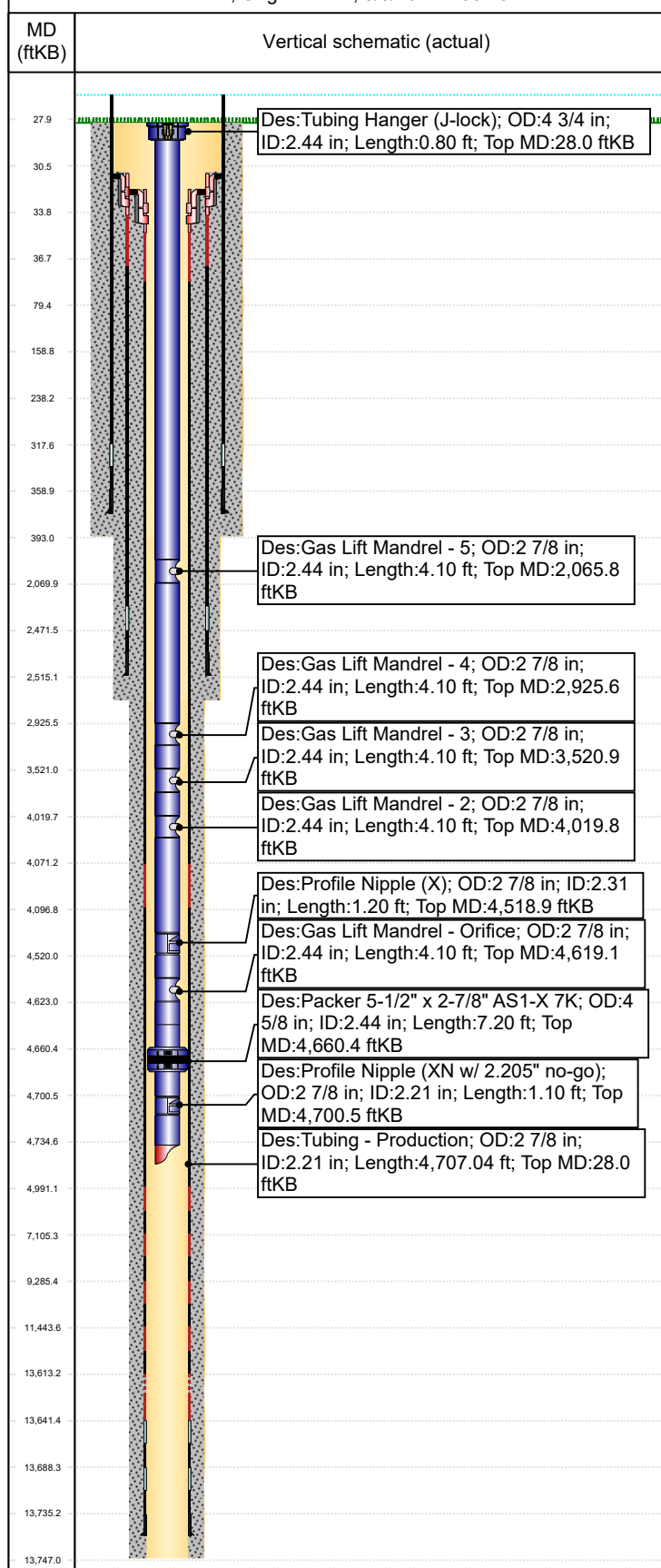


Enduring Resources IV - Production WBD

Well Name: W LYBROOK UNIT 763H
NOTE: Well schematic is drawn vertically due to space constraints on the report. Please reference the directional surveys as needed.

API/UWI 30-045-38200	Surface Legal Location (UNIT C) NE/4, NW/4, SECTION 27, T23...	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,669.00	KB-Tubing Head Distance (ft)	Spud Date 2/10/2021 08:00	Rig Release Date	PBTD (All) (ftKB)	Total Depth All (TVD) (ftKB) Original Hole - 4,591.5

Horizontal, Original Hole, 8/3/2022 1:03:18 PM



Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Top (TVD) (ftKB)	Act Btm (ftKB)	Act Btm (TVD) (ftKB)
Surface	17 1/2	28.0	28.0	393.0	393.0
Intermediate	12 1/4	393.0	393.0	2,525.0	2,486.8
Production	8 1/2	2,525.0	2,486.8	13,747.0	4,591.5

Rod Strings

Rod Description	Run Date	String Length (ft)	Set Depth (ftKB)
Item Des	Jts	OD (in)	Len (ft)
			Top (ftKB)
			Btm (ftKB)

Tubing - Production set at 4,735.0ftKB on 8/2/2022 12:00

Tubing Description	Run Date	String Length (ft)	Set Depth (ftKB)
Tubing - Production	8/2/2022	4,707.04	4,735.0
Item Des	Jts	Grade	Wt (lb/ft)
		OD (in)	ID (in)
		Len (ft)	Top (ftKB)
			Btm (ftKB)
Tubing Hanger (J-lock)	1		
Tubing	62	L-80	6.50
Gas Lift Mandrel - 5	1		
Tubing	26	L-80	6.50
Gas Lift Mandrel - 4	1		
Tubing	18	L-80	6.50
Gas Lift Mandrel - 3	1		
Tubing	15	L-80	6.50
Gas Lift Mandrel - 2	1		
Tubing	15	L-80	6.50
Profile Nipple (X)	1		
Tubing	3	L-80	6.50
Gas Lift Mandrel - Orifice	1		
Tubing	1	L-80	6.50
Tubing (pup jt)	1	L-80	6.50
Packer 5-1/2" x 2-7/8" AS1-X 7K	1		
Tubing	1	L-80	6.50
Profile Nipple (XN w/ 2.205" no-go)	1		
Tubing	1	L-80	6.50
Half Mule Shoe (without pump-out-plug)	1		

Surface, 360.7ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
13 3/8	54.50	J-55	Buttress Thread	0.0	360.7
Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
Casing Joints	2	79.40	0.0	79.4	
Casing Joints	1	39.70	79.4	119.1	
Casing Joints	1	39.70	119.1	158.8	
Casing Joints	1	39.70	158.8	198.5	
Casing Joints	1	39.70	198.5	238.2	
Casing Joints	1	39.65	238.2	277.8	
Casing Joints	1	39.70	277.8	317.5	
Float Collar	1	1.62	317.5	319.2	
Casing Joints	1	39.70	319.2	358.9	



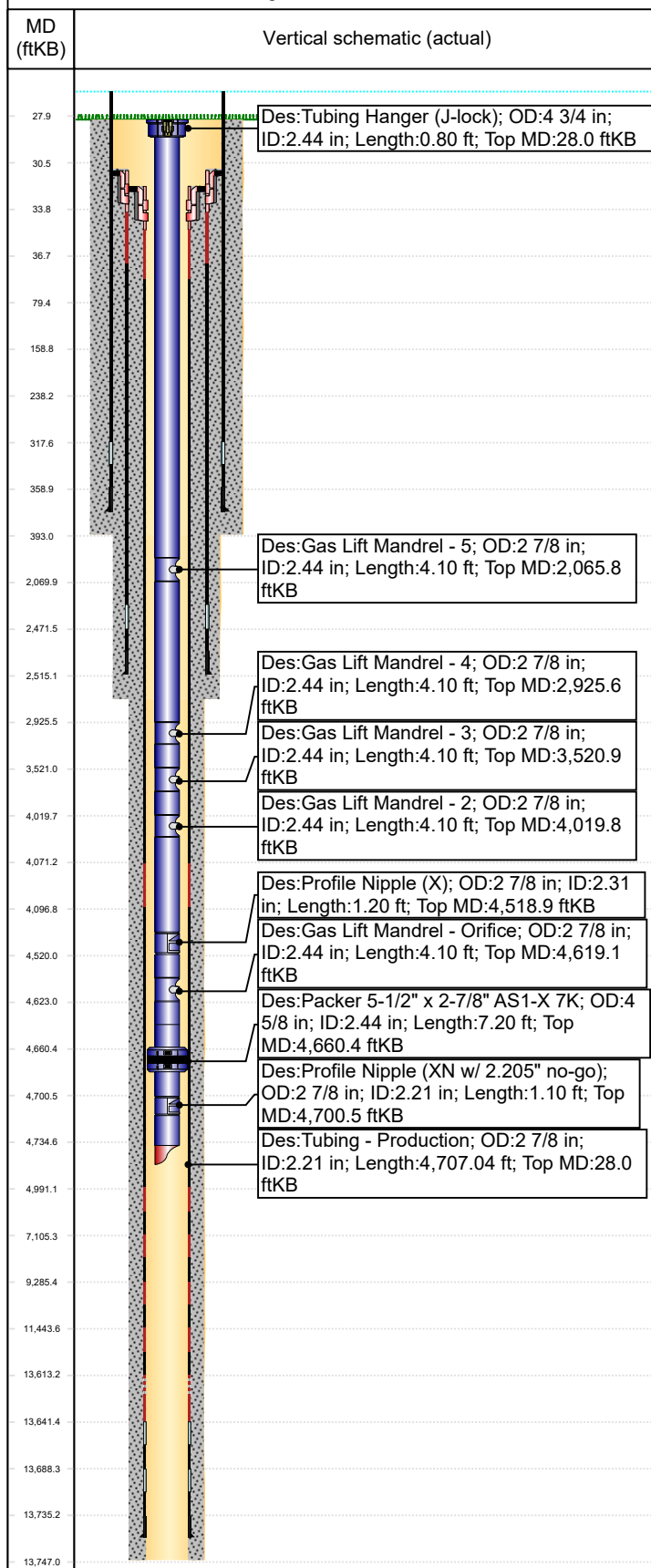
Enduring Resources IV - Production WBD

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Horizontal, Original Hole, 8/3/2022 1:03:20 PM



Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Float Shoe	1	1.84	358.9	360.7

Intermediate, 2,515.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
9 5/8	36.00	J-55	LT&C	30.6	2,515.0

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Casing Joints	0	0.00	30.6	30.6
Landing Joint	0	0.00	30.6	30.6
Casing Hanger	1	3.20	30.6	33.8
Casing Pup Joint	1	3.00	33.8	36.8
Casing Joints	60	2,433.23	36.8	2,470.1
Float Collar	1	1.50	2,470.1	2,471.6
Casing Joints	1	41.53	2,471.6	2,513.1
Float Shoe	1	1.90	2,513.1	2,515.0

Production, 13,737.0ftKB

OD (in)	Wt/Len (lb/ft)	String Grade	Top Connection	Top (ftKB)	Set Depth (ftKB)
5 1/2	17.00	P-110	LT&C	30.9	13,737.0

Item Des	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Marker Joint G	0	0.00	30.9	30.9
Marker Joint H	0	0.00	30.9	30.9
Casing Joints	0	0.00	30.9	30.9
Landing Joint	0	0.00	30.9	30.9
Casing Hanger	1	3.20	30.9	34.1
Casing Pup Joint	1	3.00	34.1	37.1
Casing Joints	98	4,034.22	37.1	4,071.3
Air Lock	1	1.92	4,071.3	4,073.2
Marker Joint F	1	23.40	4,073.2	4,096.6
Casing Joints	22	894.44	4,096.6	4,991.1
Marker Joint E	1	20.45	4,991.1	5,011.5
Casing Joints	51	2,093.70	5,011.5	7,105.2
Marker Joint D	1	18.79	7,105.2	7,124.0
Casing Joints	51	2,161.57	7,124.0	9,285.6
Marker Joint C	1	19.72	9,285.6	9,305.3
Casing Joints	51	2,138.13	9,305.3	11,443.4
Marker Joint B	1	23.16	11,443.4	11,466.6
Casing Joints	51	2,146.45	11,466.6	13,613.0
Toe Sleeve	1	5.10	13,613.0	13,618.1
Marker Joint	1	23.32	13,618.1	13,641.5
Float Collar	1	1.92	13,641.5	13,643.4
Casing Joints	1	45.03	13,643.4	13,688.4
Float Collar	1	1.92	13,688.4	13,690.3
Casing Joints	1	45.04	13,690.3	13,735.4
Float Shoe	1	1.63	13,735.4	13,737.0

Cement

Description	Cementing Start Date	Cementing End Date
Surface Casing Cement	2/11/2022	2/11/2022

Comment

PJSM, test lines, pump 10 bbls FW spacer, 10 bbls Sapp sweep, 10 bbls FW spacer & 86.6 bbls Type III cmt (350 sxs) @ 14.6 PPG, drop plug & disp w/ 49.31 bbls H₂O, Bump plug @ 906 psi, circ 39 bbls good cmt to surface

Description	Cementing Start Date	Cementing End Date
Intermediate Casing Cement	3/21/2022	3/21/2022

Comment

Cement Offline as follows: PJSM with Drake Energy Services. Pressure tested lines to 2,000 psi. Pumped 10 bbls FW, 20 bbls D-Mud Breaker, & 10 bbls of FW. Pumped Lead Cement: 178 bbls (467 sx) 90:10 Poz:Type III at 12.5 ppg, 2.14 ft³/sk, 12.05 gal H₂O/sk. Pumped Tail Cement: 33.4 bbls (136 sx) Type III Blend at 14.6 ppg, 1.38 ft³/sk, 6.64 gal H₂O/sk. Dropped plug & began displacement. Displaced with 188 bbls FW. FCP at 800 psi Bumped Plug 1450 psi. Maintained returns throughout job. Calculated 49 bbls to surface. Top of Lead to surface and top of tail at 1,942 ft MD. Released Rig @ 00:45 3/21/2022 to the W. Lybrook Unit 763 H. (Cement 03:15 Hour's To 05:35 Hour's on -3/21/2022)



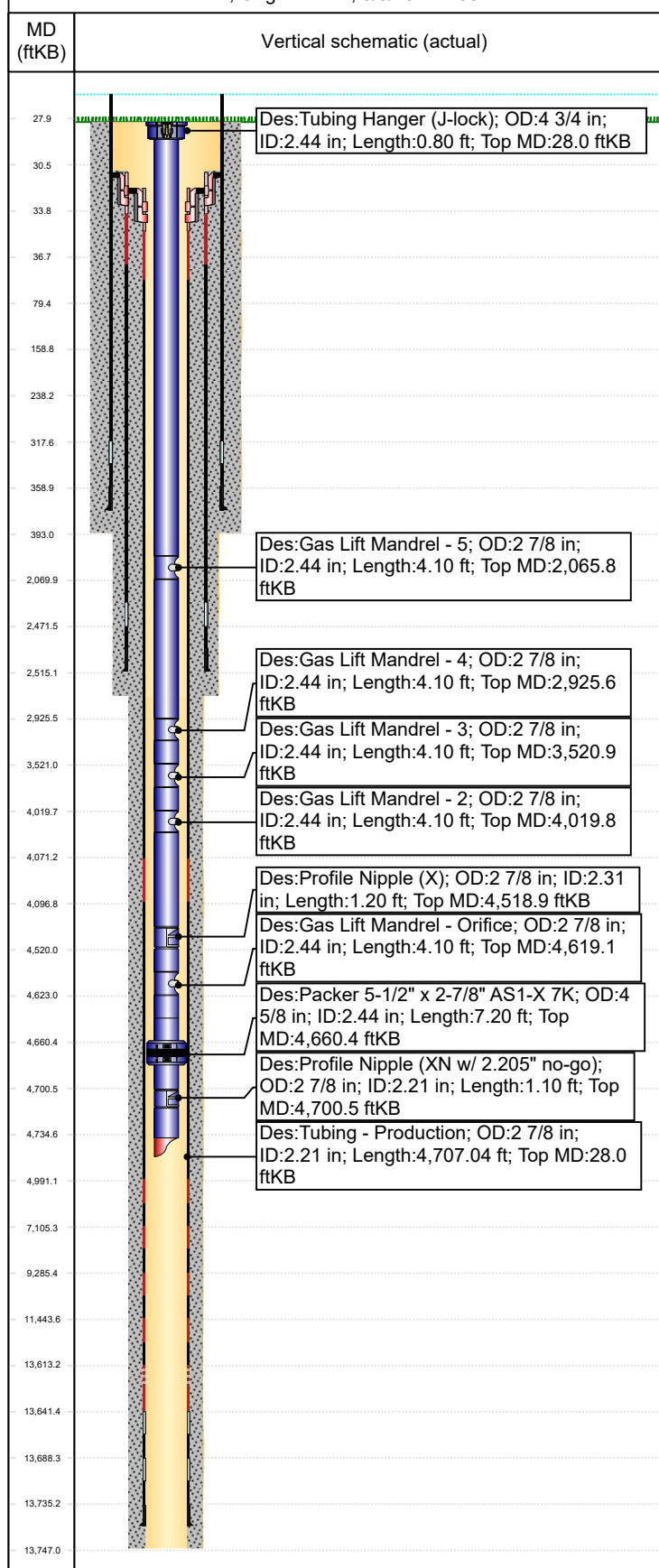
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Horizontal, Original Hole, 8/3/2022 1:03:22 PM



Cement

Description Production Casing Cement	Cementing Start Date 4/20/2022	Cementing End Date 4/20/2022
Comment PJSM with American Cementing. Pressure tested lines to 5,000 psi. Pumped 60 bbls Intraguard Star @ 11.0 ppg. Pumped Lead Cement: 191 bbls (449 sx) ASTM Type I/II at 12.4 ppg, 2.39 ft3/sk, 13.28 gal H2O/sk. Pumped Tail Cement: 455 bbls (1,615 sx) Class G Cement at 13.3 ppg, 1.58 ft3/sk, 7.57 gal H2O/sk. Washed lines, dropped plug & began displacement. Displaced with 317 bbls FW with cement retarder in 1st 50 bbls. FCP at 2,300 psi, bumped plug to 3,551 psi at 4.0 bpm. Bled back 2.25- Bbls and floats held. Top of Tail: Calculated 3,553 ft MD. Tof of Lead: surface Cement Back 140 - BBL, Calculated Back 65 - bbl's		

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 135155

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way Centennial, CO 80111	OGRID: 372286
	Action Number: 135155
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	12/3/2025